

Form PTO 1449  
(Modified)U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICEATTY DOCKET NO.  
9847-0006-6X PCTSERIAL NO.  
09/147,318

LIST OF REFERENCES CITED BY APPLICANT

APPLICANT

MATS LEIJON ET AL

FILING DATE  
CPA FILED 11-23-01GROUP  
2834

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
BM	AA	3,820,048	6/74	Ohta et al			
	AB	4,326,181	4/82	Allen			
	AC	4,552,990	11/85	Persson et al			
	AD	4,663,603	5/87	van Riemsdijk et al			
	AE	5,175,396	12/92	Emery et al			
	AF	5,239,146	3/94	Aosaki et al			
	AG						
	AH						
	AI						
	AJ						
	AK						
	AL						
	AM						
	AN						

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION YES	NO
	AO					
	AP					
	AQ					
	AR					
	AS					
	AT					
	AU					
	AV					

## OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)

	AW	
	AX	
	AY	
	AZ	

Examiner

Date Considered

3/17/04

\*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

LIST OF RELATED CASES

POCKET NO.

SERIAL NO.

STATUS

PER CLIENT

09/541,523

PENDING

→ T. Nguyen  
CL 325

Form PTO 1449 (Modified)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY DOCKET NO. <b>9847-0006-6X PCT</b>		SERIAL NO. <b>09/147,318</b>	
LIST OF REFERENCES CITED BY APPLICANT				APPLICANT <b>Mats LEIJON, et al.</b>			
				CPA FILED: <b>NOVEMBER 23, 2001</b>		GROUP <b>2834</b>	
<b>U.S. PATENT DOCUMENTS</b>							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						
	AL						
	AM						
	AN						
<b>FOREIGN PATENT DOCUMENTS</b>							
		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION YES NO		
<i>BM</i>	AO	WO 97/45908	12-04-97	WIPO (ENGLISH)		X	
	AP						
	AQ						
	AR						
	AS						
	AT						
	AU						
	AV						
<b>OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)</b>							
	AW						
	AX						
	AY						
	AZ						
Examiner <i>BM</i>					Date Considered <i>3/17/04</i>		

\*Examiner: Initial reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

BDL:TJF:fbj

I:\atty\l\9847\0006\98470006.ids.1449.wpd

INFORMATION DISCLOSURE CITATION LIST  
ALTERNATE FORM PTO-1449  
(additional to original listing)

Docket Number:  
9847-0006-6X PCT

Application Number  
09/147,318

Applicant(s):  
MATS LEIJON ET AL

Filing Date:  
FEBRUARY 24, 1999

Group Art Unit:  
2834

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
BM	1	US 1,508,456	9/16/24	W.G.Lenz			
	2	US 1,904,885	4/18/33	G.A.Seeley			
	3	US 2,409,893	10/22/46	W.W. Pendleton et al			
	4	US 2,650,350	8/25/53	P.D. Heath			
	5	US 2,749,456	06/05/56	F.O. Luenberger			
	6	US 3,014,139	12/19/61	L.P. Schildneck			
	7	US 3,197,723	7/27/65	I.K.Dortort			
	8	US 3,392,779	7/16/68	K.B. Tilbrook			
	9	US 3,411,027	11/12/68	H. Rosenberg			
	10	US 3,541,221	11/17/70	M.Aupoix et al			
	11	US 3,571,690	3/23/71	V V A V Lataisa			
	12	US 3,651,244	3/21/72	D.A. Silver et al			
	13	US 3,660,721	5/2/72	L.L.Baird			
	14	US 3,666,876	5/30/72	E.O.Forster			
	15	US 3,684,906	8/15/72	H.G.Lexz			
	16	US 3,699,238	10/17/72	T.E.Hansen et al			
	17	US 3,743,867	7/3/73	J.L. Smith, Jr.			
	18	US 3,787,607	1/22/74	H.J.Schlaflly			
	19	US 3,813,764	6/4/74	E. Tanaka et al			
	20	US 3,828,115	8/6/74	A.Hvizd, Jr.			
	21	US 3,912,957	10/14/75	H.B. Reynolds			
	22	US 3,993,860	11/23/76	J.P.Snow et al			
	23	US 4,008,367	2/15/77	H. Sunderhauf			
	24	US 4,132,914	1/2/79	G.M. Khutoretsky			
	25	US 4,314,168	2/2/82	O. Breitenbach			
	26	US 4,321,426	3/23/82	F.K.Schaeffer			
	27	US 4,361,723	11/30/82	A.Hvizd Jr. et al			
	28	US 4,365,178	12/21/82	H.G.Lexz			
	29	US 4,367,890	1/11/83	F.Spirk			
	30	US 4,384,944	5/24/83	D. A. Silver et al			
	31	US 4,401,920	8/30/83	R.S.Taylor et al			
	32	US 4,432,029	2/14/84	B. Lundqvist			
	33	US 4,437,464	3/20/84	J.J.Crow			
	34	US 4,484,106	11/20/84	R.S.Taylor et al			
	35	US 4,490,651	12/25/84	R.S.Taylor et al			
	36	US 4,508,251	4/2/85	K.Harada et al			
	37	US 4,520,287	5/28/85	D.C.Wang et al			
	38	US 4,571,453	2/18/86	M.Takaoka et al			
	39	US 4,615,778	10/7/86	R.K.Elton			
	40	US 4,622,116	11/11/86	R.K.Elton et al			
	41	US 4,652,963	3/24/87	N. Fahlen			
	42	US 4,723,083	2/2/88	R.K.Elton			
	43	US 4,724,345	2/9/88	R.K.Elton et al			
	44	US 4,732,412	3/22/88	R. D.A. van der Linden et al			

Examiner

BM

Date

Considered

3/17/04

\*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEO 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE CITATION LIST  
ALTERNATE FORM PTO-1449  
( Corrected Listing of Original List )

Subtotal	65170					
----------	-------	--	--	--	--	--

Examine *Bm*

**Considered**

Date Considered	3/17/04
-----------------	---------

\*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Sheet 2 of 7

**INFORMATION DISCLOSURE CITATION LIST  
ALTERNATE FORM PTO-1449**

FOREIGN PATENT DOCUMENTS						
		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION	
					YES	NO
<i>Bm</i>	1	DE 209,313	4/25/84	Germany		
	2	DE 134,022	12/28/01	Germany		
	3	DE 1,465,719	5/22/69	Germany		
	4	DE 19,020,222	3/13/97	Germany		
	5	DE 19,620,906	1/8/96	Germany		
	6	DE 386,561	12/13/23	Germany		
	7	DE 3,925,337	2/7/91	Germany		
	8	DE 406,371	11/21/24	Germany		
	9	DE 4,402,184	8/3/95	Germany		
	10	DE 4,438,186	5/2/96	Germany		
	11	DE 975,999	1/10/63	Germany		
	12	EP 0,102,513	1/22/86	European		
	13	EP 0,185,788	7/2/86	European		
	14	EP 0,221,404	5/16/90	European		
	15	EP 0,503,817	9/16/92	European		
	16	EP 0,620,630	10/19/94	European		
	17	EP 0,739,087 A2	10/23/96	European		
	18	EP 0,739,087 A3	3/27/97	European		
	19	EP 0,749,193 A3	3/26/97	European		
	20	EP 0,749,190 A2	12/18/96	European		
	21	EP 0,913,912 A1	5/6/99	European		
	22	FR 2,481,531	10/30/81	France		
	23	FR 916,959	12/20/46	France		
	24	EP 0,221,404	5/16/90	European		
	25	EP 0,277,358	8/10/86	European		
	26	EP 0,469,155 A1	2/5/92	European		
	27	GB 2,150,153	6/26/85	United Kingdom		
	28	GB 2,332,557	6/23/99	United Kingdom		
	29	DE 468,827	7/13/97	Germany		
	30	GB 666,883	2/20/52	United Kingdom		
	31	GB 739,962	11/2/55	United Kingdom		
	32	HU 175,494	11/28/81	Hungary		
	33	JP 2,017,474	1/22/90	Japan		
	34	JP 57,126,117	5/8/82	Japan		
	35	JP 62,320,631	6/23/89	Japan		
	36	JP 7,161,270	6/23/95	Japan		
	37	JP 8,036,952	2/6/96	Japan		
	38	JP 8,167,360	6/25/96	Japan		
	39	SU 1,189,322	10-86	Switzerland		
	40	SU 266,037	10/11/65	Switzerland		
	41	SU 646,403	2/8/79	Switzerland		
	42	WO 91/11841	8/8/91	PCT		
	43	PCT SE 91/00077	4/23/91	Int'l Search Report		
	44	WO 91/15755	10/17/91	PCT		
	45	WO 97/29494	8/14/97	PCT		
	46	WO 98/40627	9/17/98	PCT		
	47	WO 98/43336	10/1/98	PCT		
	48	PCT/DE 90/00279	11/27/90	Int'l Search Report		

Examiner

*Bm*

Date

Considered *3/17/04*

\*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE CITATION LIST  
ALTERNATE FORM PTO-1449  
( Corrected Listing of Original List )

<b>Subtotal</b>	<b>51</b>					
-----------------	-----------	--	--	--	--	--

Bm

**Considered**

3/17/04

Sheet 4 of 7

# INFORMATION DISCLOSURE CITATION LIST

ALTERNATE FORM PTO-1449

( Corrected Listing of Original List )

## OTHER REFERENCES (Including Title, Author, Date, Pertinent Pages, etc.)

BM	1	OD 044	A test installation of a self-tuned ac filter in the Konti-Skan 2 HVDC link; T. Holmgren, G. Asplund, S. Valdemarsson, P. Hidman of ABB; U. Jonsson of Svenska Kraftnat; O. loof of Vattenfall Vastsverige AB; IEEE Stockholm Power Tech Conference 6/1995, pp 64-70
	2	OD 045	Analysis of faulted Power Systems; P Anderson, Iowa State University Press / Ames, Iowa, 1973, pp 255-257
	3	OD 046	36-Kv. Generators Arise from Insulation Research; P. Sidler; <i>Electrical World</i> 10/15/1932, ppp 524
	4	OD 047	Oil Water cooled 300 MW turbine generator; L.P. Gnedin et al; <i>Elektrotechnika</i> , 1970, pp 6-8
	5	OD 048	J&P Transformer Book 11 <sup>th</sup> Edition; A. C. Franklin et al; owned by Butterworth - Heinemann Ltd, Oxford Printed by Hartnolls Ltd in Great Britain 1983, pp29-67
	6	OD 049	Transformerboard; H.P. Moser et al; 1979, pp 1-19
	7	OD 050	The Skagerrak transmission - the world's longest HVDC submarine cable link; L. Haglof et al of ASEA; <i>ASEA Journal</i> Vol 53, Number 1-2, 1980, pp 3-12
	8	OD 051	Direct Connection of Generators to HVDC Converters: Main Characteristics and Comparative Advantages; J.Arrillaga et al; <i>Electra</i> No. 149, 08/ 1993, pp 19-37
	9	OD 052	Our flexible friend article; M. Judge; <i>New Scientist</i> , 05/10/1997, pp 44-48
	10	OD 053	In-Service Performance of HVDC Converter transformers and oil-cooled smoothing reactors; G.L. Desilets et al; <i>Electra</i> No. 155, 08/1994, pp 7-29
	11	OD 054	Transformateurs a courant continu haute tension-examen des specifications; A. Lindroth et al; <i>Electra</i> No 141, 04/1992, pp 34-39
	12	OD 055	Development of a Termination for the 77 kV-Class High Tc Superconducting Power Cable; T. Shimonosono et al; <i>IEEE Power Delivery</i> , Vol 12, No 1, 01/1997, pp 33-38
	13	OD 056	Verification of Limiter Performance in Modern Excitation Control Systems; G. K. Girgis et al; <i>IEEE Energy Conservation</i> , Vol. 10, No. 3, 09/1995, pp 538-542
	14	OD 057	A High Initial response Brushless Excitation System; T. L. Dillman et al; <i>IEEE Power Generation Winter Meeting Proceedings</i> , 01/31/1971, pp 2089-2094
	15	OD 058	Design, manufacturing and cold test of a superconducting coil and its cryostat for SMES applications; A. Bautista et al; <i>IEEE Applied Superconductivity</i> , Vol 7, No. 2, 06/1997, pp 853-856
	16	OD 059	Quench Protection and Stagnant Normal Zones in a Large Cryostable SMES; Y. Lvovsky et al; <i>IEEE Applied Superconductivity</i> , Vol. 7, No. 2, 06/1997, pp 857-860
	17	OD 060	Design and Construction of the 4 Tesla Background Coil for the Navy SMES Cable Test Apparatus; D.W.Scherbarth et al; <i>IEEE Appliel Superconductivity</i> , Vol. 7, No. 2, 06/1997, pp 840-843
	18	OD 061	High Speed Synchronous Motors Adjustable Speed Drives; ASEA Generation Pamphlet OG 135-101 E, 01/1985, pp 1-4
	19	OD 062	Billig burk motar overtonen; A. Felldin; <i>ERA (TEKNIK)</i> 08/1994, pp 26-28
	20	OD 063	400-kV XLPE cable system passes CIGRE test; ABB Article; ABB Review 09/1995, pp 38
	21	OD 064	FREQSYN - a new drive system for high power applications; J-A. Bergman et al; <i>ASEA Journal</i> 59, 04/1986, pp16-19
	22	OD 065	Canadians Create Conductive Concrete; J. Beaudoin et al; <i>Science</i> , Vol. 276, 05/23/1997, pp 1201
	23	OD 066	Fully Water-Cooled 190 MVA Generators in the Tonstad Hydroelectric Power Station; E. Ostby et al; <i>BBC Review</i> 08/1969, pp 380-385
	24	OD 068	Relocatable static var compensators help control unbundled power flows; R. C. Knight et al; <i>Transmission &amp; Distribution</i> , 12/1996, pp 49-54
	25	OD 069	Investigation and Use of Asynchronized Machines in Power Systems*; N.I.Blotskii et al; <i>Elektrichstvo</i> , No. 12, 1-6, 1985, pp 90-99
	26	OD 070	Variable-speed switched reluctance motors; P.J. Lawrenson et al; <i>IEE proc</i> , Vol 127, Pt.B, No.4, 07/1980, pp 253-265

Examine

BM

Date

Considered

3/17/04

\*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP0 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



**INFORMATION DISCLOSURE CITATION LIST**  
**ALTERNATE FORM PTO-1449**  
**( Corrected Listing of Original List )**

BM	27	OD 071	Das Einphasenwechselstromsystem hoherer Frequenz; J.G. Heft; Elektrische Bahnen eb; 12/1987, pp 388-389
	28	OD 072	Power Transmission by Direct Current; E. Uhlmann; ISBN 3-540-07122-9 Springer-Verlag, Berlin/Heidelberg/New York; 1975, pp 327-328
	29	OD 073	Elektriska Maskiner; F. Gustavson; Institute for Elkraftteknik, KTH; Stockholm, 1996, pp 3-6 - 3-12
	30	OD 074	Die Wechselstromtechnik; A. Cour' Springer Verlag, Germany; 1936, pp 586-598
	31	OD 075	Insulation systems for superconducting transmission cables; O. Toennesen; Nordic Insulation Symposium, Bergen, 1996, pp 425-432
	32	OD 076	MPTC: An economical alternative to universal power flow controllers; N. Mohan; EPE 1997, Trondheim, pp 3.1027-3.1030
	33	OD 078	Lexikon der Technik; Luger; Band 2, Grundlagen der Elektrotechnik und Kerntechnik, 1960, pp 395
	34	OD 079	Das Handbuch der Lokomotiven ( hungarian locomotive V40 1'D' ); B. Hollingsworth et al; Pawlak Verlagsgesellschaft; 1933, pp. 254-255
	35	OD 080	Synchronous machines with single or double 3-phase star-connected winding fed by 12- pulse load commutated inverter. Simulation of operational behaviour; C. Ivarson et al; ICEM 1994, International Conference on electrical machines, Vol. 1, pp 267-272
	36	OD 081	Elkrafthandboken, Elmaskiner; A. Rejminger; Elkrafthandboken, Elmaskiner 1996, 15-20
	37	OD 082	Power Electronics - in Theory and Practice; K. Thorborg; ISBN 0-86238-341-2, 1993, pp 1-13
	38	OD 083	Regulating transformers in power systems- new concepts and applications; E. Wirth et al; ABB Review 04/1997, p 12- 20,
	39	OD 084	Transforming transformers; S. Mehta et al; <i>IEEE Spectrum</i> , July 1997, pp. 43-49
	40	OD 085	A study of equipment sizes and constraints for a unified power flow controller; J. Bian et al; <i>IEEE Transactions on Power Delivery</i> , Vol.12, No.3, July 1997, pp.1385-1391
	41	OD 086	Industrial High Voltage; F.H. Kreuger; <i>Industrial High Voltage</i> 1991 Vol I, pp. 113-117
	42	OD 087	Hochspannungstechnik; A. Küchler; Hochspannungstechnik, VDI Verlag 1996, pp.365- 366, ISBN 3-18-401530-0 or 3-540-62070-2
	43	OD 088	High Voltage Engineering; N.S. Naidu; High Voltage Engineering ,second edition 1995 ISBN 0-07-462286-2, Chapter 5, pp91-98,
	44	OD 089	Performance Characteristics of a Wide Range Induction Type Frequency Converter; G.A. Ghoneem; <i>Ieema Journal</i> , September 1995, pp 21-34
	45	OD 090	International Electrotechnical Vocabulary, Chapter 551 Power Electronics; unknown author; International Electrotechnical Vocabulary Chapter 551: Power Electronics Bureau Central de la Commission Electrotechnique Internationale, Geneve; 1982, pp1-65
	46	OD 091	Design and manufacture of a large superconducting homopolar motor; A.D. Appleton; <i>IEEE Transactions on Magnetics</i> , Vol. 19, No.3, Part 2, 05/1983, pp 1048-1050
	47	OD 092	Application of high temperature superconductivity to electric motor design; J.S. Edmonds et al; <i>IEEE Transactions on Energy Conversion</i> 06/1992, No. 2 , pp 322-329
	48	OD 093	Power Electronics and Variable Frequency Drives; B. Bimal; <i>IEEE industrial Electronics - Technology and Applications</i> , 1996, pp.356,
	49	OD 094	Properties of High Plymer Cement Mortar; M. Tamai et al; <i>Science &amp; Technology in Japan</i> , No 63 ; 1977, pp 6-14
	50	OD 095	Weatherability of Polymer-Modified Mortars after Ten-Year Outdoor Exposure in Koriyama and Sapporo; Y. Ohama et al; <i>Science &amp; Technology in Japan</i> No. 63; 1977, pp 26-31
	51	OD 096	SMC Powders Open New Magnetic Applications; M. Persson (Editor); <i>SMC Update</i> ,Vol. 1, No. 1, April 1997
	52	OD 097	Characteristics of a laser triggered spark gap using air, Ar, CH4, H2, He, N2, SF6 and Xe; W.D. Kimura et al; <i>Journal of Applied Physics</i> , Vol. 63, No 6, 15 March 1988, p. 1882- 1888
	53	OD 098	Low-intensity laser-triggering of rail-gaps with magnesium-aerosol switching-gases; W. FREY; 11th International Pulse Power Conference, 1997, Baltimore, USA Digest of Technical Papers, p. 322-327

Examine

BM

Date

Considered 3/17/04

\*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through  
citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE CITATION LIST  
ALTERNATE FORM PTO-1449  
(Corrected Listing of Original List)

[illegible]

Subtotal	53		
----------	----	--	--

<b>GRAND TOTAL</b>	<b>169</b>		
--------------------	------------	--	--

Examine	Date
	Considered

\*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE CITATION  
ALTERNATE FORM PTO-1449  
(Corrected Listing of Original List)

Corrected 03/20/00

Docket Number:

9847-0001-6X

Application Number

09/147,325

Applicant(s):

MATS LEIJON ET AL

Filing Date:

FEBRUARY 17, 1999

Group Art Unit:

2834

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
BM	1	US1304451	5/20/19	L. H. Burnham			
	2	US1418856	6/2/22	Robert B. Williamson			
	3	US1481585	1/22/24	James Robert Beard			
	4	US1728915	9/24/29	E. P. Blankenship et al			
	5	US1742985	1/7/30	L. H. Burnham			
	6	US1747507	2/18/30	Robert B. George			
	7	US1756672	4/29/30	John M. Barr			
	8	US1762775	6/10/30	Albert G. Ganz			
	9	US1781308	11/11/30	Mauritz Vos			
	10	US1861182	5/31/32	F. Hendey et al			
	11	US1974406	9/25/34	Vincent G. Apple et al			
	12	US2006170	6/25/35	Gustof A. Juhlin			
	13	US2206856	7/2/40	W. E. Shearer			
	14	US2217430	10/8/40	R. A. Baudry			
	15	US2241832	5/13/41	H.W. Wahlquist			
	16	US2251291	8/5/41	L. O. Reichelt			
	17	US2256897	9/23/41	W. F. Davidson et al			
	18	US2295415	9/8/42	G.R. Monroe			
	19	US2415652	2/11/47	R. B. Norton			
	20	US2424443	7/22/47	B. C. Evans			
	21	US2436306	2/17/48	J. S. Johnson			
	22	US2446999	8/17/48	G. Camilli			
	23	US2459322	1/18/49	G. T. Johnston			
	24	US2462651	2/22/49	H. W. Lord			
	25	US2498238	2/21/50	L. J. Berberich et al			
	26	US2721905	10/25/55	D. J. Monroe			
	27	US2780771	2/5/57	B. Lee			
	28	US2846599	8/5/58	H. H. McAdam			
	29	US2885581	5/5/59	P. T. Pileggi			
	30	US2943242	6/28/60	E. Schaschl et al			
	31	US2947957	8/2/60	J. C. Spindler			
	32	US2959699	11/8/60	J. W. Smith et al			
	33	US2962679	11/29/60	J. L. Stratton			
	34	US2975309	3/14/61	M. Seidner			
	35	US3098893	7/23/63	R. A. Pringle et al			
	36	US3130335	4/21/64	L. J. Rejda			
	37	US3143269	8/4/64	J. Van Eldik			
	38	US3157806	11/17/64	E. Wiedemann			
	39	US3158770	11/24/64	A. D. Coggeshall et al			
	40	US3268766	8/23/66	S. E. Amos			
	41	US3304599	2/21/67	R. W/ Nordin			
	42	US3354331	11/21/67	H. L. Broeker et al			
	43	US3365657	1/23/68	James Webb			
	44	US3372283	5/5/68	A. A. Jaecklin			

Examiner

BM

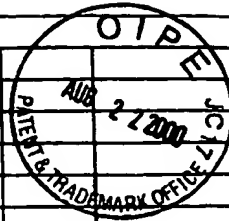
Date

Considered

3/17/04

\*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE CITATION LIST  
 INTERMEDIATE FORM PTO-1449  
 (Corrected Listing of Original List)



45	US3418530	11/24/68	W. H. Cheever
46	US3435262	3/25/69	R. B. Bennett et al
47	US3437858	4/8/69	R. B. White
48	US3444407	5/13/69	E.S. Yates
49	US3447002	5/27/69	C. Ronnevig
50	US3484690	12/16/69	H. Wald
51	US3560777	2/2/71	W. Moeller
52	US3593123	7/13/71	A. C. Williamson
53	US3631519	12/28/71	H. Salahshourian
54	US3644662	2/22/72	H. Salahshourian
55	US3651402	3/21/72	P. H. Leffmann
56	US3670192	6/13/72	A. A. Andersson et al
57	US3675056	7/4/72	H. G. Lenz
58	US3684821	8/15/72	M. Miyauchi et al
59	US3716652	2/13/73	G. E. Lusk et al
60	US3716719	2/13/73	H. W. Angelery et al
61	US3727085	4/10/73	P. B. Goetz et al
62	US3740600	6/19/73	B. Turley
63	US3746954	7/17/73	A. Myles et al
64	US3758699	9/11/73	G. Lusk et al
65	US3778891	12/18/73	R. Amasino et al
66	US3781739	12/25/73	L. Meyer
67	US3792399	2/17/74	W. McLyman
68	US3801843	4/2/74	J. Corman et al
69	US3809933	5/7/74	H. Sugawara et al
70	US3881647	5/6/75	B. Wolfe
71	US3884154	5/20/75	F. Marten
72	US3891880	6/24/75	H. Britsch
73	US3902000	8/26/75	E. Forsyth et al
74	US3932779	1/13/76	A. Madsen
75	US3932791	1/13/76	J. Oswald
76	US3943392	3/9/76	J. Keuper et al
77	US3947278	3/30/76	K. Youtsey
78	US3965408	6/22/76	H. Higuchi et al
79	US3968388	7/6/76	D. Lambrecht et al
80	US3971543	7/27/76	W. Shanahan
81	US3974314	8/10/76	H. Fuchs
82	US3995785	12/7/76	R. Arick et al
83	US4001616	1/4/77	P. Lonseth et al
84	US4008409	2/15/77	R. Rhudy et al
85	US4031310	6/21/77	L. Jachimowicz
86	US4039740	8/2/77	Z. Iwata
87	US4041431	8/9/77	G. Enoksen
88	US4047138	9/6/77	R. Steigerwald
89	US4064419	12/20/77	R. Peterson
90	US4084307	4/18/78	G. Schultz et al
91	US4085347	4/18/78	K. Lichius
92	US4088953	5/9/78	S. Sarian
93	US4091138	5/23/78	Takagi et al
94	US4091139	5/23/78	J. Quirk
95	US4099227	7/4/78	J. Liptak
96	US4103075	7/25/78	E. Adam

Examiner

*BM*

Date

Considered

3/17/04

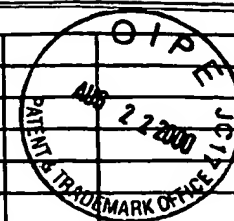
\*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE CITATION LIST

ALTERNATE FORM PTO-1449

(Corrected Listing of Original List)

97	US4106069	8/8/78	J. Trautner et al			
	98	US4107092	8/15/78	R. Camahan et al		
	99	US4109098	8/22/78	M. Olsson et al		
	100	US4121148	10/17/78	H. Platzer		
	101	US4134036	1/9/79	G. Curtiss		
	102	US4134055	1/9/79	M. Akamatsu		
	103	US4134146	1/9/79	E. Stetson		
	104	US4149101	4/10/79	A. Lesokhin et al		
	105	US4152615	5/1/79	R. Calfo et al		
	106	US4160193	7/3/79	A. Richmond		
	107	US4164672	8/14/79	C. Flick		
	108	US4164772	8/14/79	N. Hingorani		
	109	US4177397	12/4/79	John Lill		
	110	US4177418	12/4/79	K. Brueckner et al		
	111	US4184186	1/15/80	P. Barkan		
	112	US4200817	4/29/80	T. Bratoljic		
	113	US4200818	4/29/80	C. Ruffing et al		
114	US4206434	6/3/80	A. Hase			
	115	US4207427	6/10/80	G. Beretta et al		
	116	US4207482	6/10/80	C. Neumeyer et al		
	117	US4208597	6/17/80	A. Mulach et al		
	118	US4229721	10/21/80	W. Koloczec et al		
	119	US4238339	12/9/80	G. Khutoretsky et al		
	120	US4239999	12/16/80	A. Vinokurov et al		
	121	US4245182	1/13/81	H. Aotsu et al		
	122	US4246694	1/27/81	H-G Raschbichler et al		
	123	US4255684	3/10/81	W. Mischler et al		
	124	US4258280	3/24/81	M. Starcevic		
	125	US4262209	4/14/81	C. Berner		
	126	US4274027	6/16/81	S. Higuchi et al		
	127	US4281264	7/28/81	T. Keim et al		
	128	US4307311	12/22/81	A. Grozinger		
	129	US4308476	12/29/81	R. Schuler		
130	US4308575	12/29/81	A. Mase			
	131	US4310966	1/19/82	O. Brietenbach		
	132	US4317001	2/23/82	D. Silver et al		
	133	US4320645	3/23/82	L. Stanley		
	134	US4321518	3/23/82	M. Akamatsu		
	135	US4330726	5/18/82	D. Albright et al		
	136	US4337922	7/6/82	M. Streiff et al		
	137	US4341989	7/27/82	T. Sandberg et al		
	138	US4347449	8/31/82	J. F. Beau		
	139	US4347454	8/31/82	K. Gellert et al		
	140	US4363612	10/12/82	R. Meyers		
	141	US4357542	11/2/82	H. Kirschbaum		
	142	US4360748	11/23/82	H-G Raschbichler et al		
	143	US4367425	1/4/83	M. Mendelsohn et al		
	144	US4368418	1/11/83	F. P. Demello et al		
	145	US4369389	1/18/83	D. Lambrecht		
146	US4371745	2/1/83	M. Sakashita			
	147	US4387316	6/7/83	J. Katsekas		



Examiner

BM

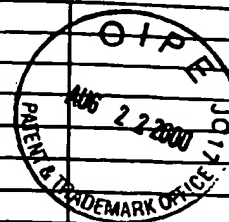
Date

Considered 3/17/04

\*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

ALTERNATE FORM PTO-1449  
Corrected Listing of Original List)

BM	148	US4403163	9/6/83	Rarmerding et al			
	149	US4404486	9/13/83	T. Keim et al			
	150	US4411710	10/25/83	M.Mochizuki et al			
	151	US4421284	12/20/83	A. Pan			
	152	US4425521	1/10/84	G. Rosenberry, Jr. et al			
	153	US4426771	1/24/84	D. Wang et al			
	154	US4429244	1/31/84	P. Nikiten et al			
	155	US4431960	2/14/84	O. Zucker			
	156	US4443725	4/17/84	S. Derderian et al			
	157	US4470884	9/11/84	D. Carr			
	158	US4473765	9/25/84	T. Butman, Jr. et al			
	159	US4475075	10/2/84	R. Munn			
	160	US4477690	10/16/84	P. Nikitin et al			
	161	US4481438	11/6/84	T. Keim			
	162	US4488079	12/11/84	G. Dailey et al			
	163	US4503284	3/5/85	M. Minnick et al			
	164	US4510077	4/9/85	R. Elton			
	165	US4517471	5/14/85	K. Sachs			
	166	US4523249	6/11/85	S. Arimoto			
	167	US4538131	8/27/85	M. Baier et al			
	168	US4546210	10/8/85	Y. Akiba et al			
	169	US4551780	11/5/85	M. Canay			
	170	US4557038	12/10/85	M. Wcislo et al			
	171	US4560896	12/24/85	G. Vogt et al			
	172	US4565929	1/21/86	J. Baskin et al			
	173	US4588916	5/13/86	R. Lis			
	174	US4590416	5/20/86	M. Porche et al			
	175	US4594630	6/10/86	M. Rabinowitz et al			
	176	US4607183	8/19/86	J. Rieber et al			
	177	US4615109	10/7/86	M. Wcislo et al			
	178	US4618795	10/21/86	G. Cooper et al			
	179	US4619040	10/28/86	D. Wang et al			
	180	US4633109	12/30/86	J. Feigel			
	181	US4650924	3/17/87	J. Kauffman et al			
	182	US4656379	4/7/87	F. McCarty			
	183	US4677328	6/30/87	K. Kumakura			
	184	US4687882	8/18/87	G. Stone et al			
	185	US4692731	9/8/87	H. Osinga			
	186	US4723104	2/22/88	F. Rohatyn			
	187	US4737704	4/12/88	S. Kalinnikov et al			
	188	US4745314	5/17/88	J. Nakano			
	189	US4766365	8/23/88	L. Bolduc et al			
	190	US4785138	11/15/88	O. Brienbach et al			
	191	US4795933	1/3/89	K. Sakai			
	192	US4827172	5/2/89	K. Kobayashi			
	193	US4845308	7/4/89	E. Womack, Jr. et al			
	194	US4847747	7/11/89	A. Abbondanti			
	195	US4853565	8/1/89	R. Elton et al			
	196	US4859810	8/22/89	R. Cloetens et al			
	197	US4860430	8/29/89	H. Raschbichler et al			
✓	198	US4864266	9/5/89	L. Feather et al			



Examiner

BM

Date

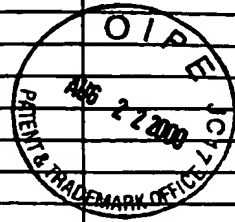
Considered

3/17/04

Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE CITATION LIST  
 ALTERNATE FORM PTO-1449  
 (Corrected Listing of Original List)

199	US4883230	11/28/89	L. Lindstrom			
200	US4894284	1/16/90	S. Yamanouchi et al			
201	US4914386	4/3/90	S. Zocholl			
202	US4918347	4/17/90	Y. Takaba			
203	US4918835	4/24/90	H. Wcislo et al			
204	US4924342	5/8/90	R. Lee			
205	US4926079	5/15/90	P. Niemela et al			
206	US4942326	7/17/90	J. Butler, III et al			
207	US4949001	8/14/90	S. Campbell			
208	US4994952	2/19/91	D. Silva et al			
209	US4997995	3/5/91	M. Simmons et al			
210	US5012125	4/30/91	D. Conway			
211	US5036165	7/30/91	R. Elton et al			
212	US5036238	7/30/91	M. Tajima			
213	US5066881	11/19/91	R. Elton et al			
214	US5067046	11/19/91	R. Elton et al			
215	US5083360	1/28/92	M. Valencic et al			
216	US5086246	2/4/92	J. Dymond et al			
217	US5094703	3/10/92	M. Takaoka et al			
218	US5097241	3/17/92	E. Smith et al			
219	US5097591	3/24/92	M. Wcislo et al			
220	US5111095	5/5/92	J. Hendershot			
221	US5124607	6/23/92	J. Rieber et al			
222	US5136459	8/4/92	D. Fararooy			
223	US5140290	8/18/92	H. Dersch			
224	US5153460	10/6/92	L. Bovino et al			
225	US5168662	12/8/92	K. Nakamura et al			
226	US5187428	2/16/93	R. Hutchison et al			
227	US5235488	8/10/93	S. Koch			
228	US5246783	9/21/93	L. Spenadel et al			
229	US5264778	11/23/93	D. Kimmel et al			
230	US5304883	4/19/93	J. Denk			
231	US5305961	4/26/93	A. Errard et al			
232	US5321308	6/14/93	A. Johncock			
233	US5323330	6/21/93	G. Asplund et al			
234	US5325008	6/28/94	J. Grant			
235	US5327637	7/12/94	O. Britenbach et al			
236	US5341281	8/23/94	G. Skibinski			
237	US5343139	8/30/94	L. Gyugyi et al			
238	US5355046	10/11/94	K. Weigelt			
239	US5365132	11/15/94	J. Hann et al			
240	US5387890	2/7/95	P. Estop et al			
241	US5397513	3/14/95	C. Steketee, Jr.			
242	US5400005	3/21/95	H. Bobry			
243	US5452170	9/19/95	S. Ohde et al			
244	US5468916	11/21/95	M. Litenas et al			
245	US5500632	3/19/96	J. Halser, III			
246	US5510942	4/23/96	L. Bock et al			
247	US5530307	6/25/96	G. Horst			
248	US5545853	8/13/96	N. Hildreth			
249	US5550410	8/27/96	C. Titus			
250	US5583387	12/10/96	M. Takeuchi et al			



Examiner

Bm

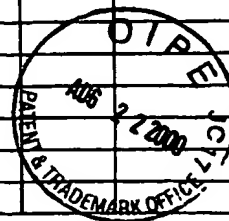
Date

Considered

3/17/04

\*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

8/14	251	US5587126	12/24/96	C. Steketee, Jr.			
	252	US5598137	1/28/97	F. Alber et al			
	253	US5607320	3/4/97	J. Wright			
	254	US5612510	3/18/97	N. Hildreth			
	255	US5663605	9/2/97	P. Evans et al			
	256	US5672926	9/30/97	J. Brandes et al			
	257	US5689223	11/18/97	A. Demarmels et al			
	258	US5807447	9/15/98	I. Forrest			
V	259	US681800	9/3/01	O. Lasche			
Subtotal	259						



FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION	
					YES	NO
8/14	1	AT399790	7/25/95	Austria		
	2	BE565063	2/23/57	Belgium		
	3	CH391071	4/30/65	Switzerland		
	4	CH534448	2/28/73	Switzerland		
	5	CH539328	7/4/73	Switzerland		
	6	CH657482	8/29/86	Switzerland		
	7	DD137164	8/15/79	Germany DDR		
	8	DD138840	11/21/79	Germany DDR		
	9	DE1638176	6/24/71	Germany		
	10	DE1807391	5/27/70	Germany		
	11	DE2050674	5/19/71	Germany		
	12	DE2155371	5/17/73	Germany		
	13	DE2400698	7/10/75	Germany		
	14	DE2520511	11/18/76	Germany		
	15	DE2656389	6/15/78	Germany		
	16	DE2721905	11/23/78	Germany		
	17	DE277012	7/25/14	Germany		
	18	DE19547229	6/19/97	Germany		
	19	DE2824951	12/20/79	Germany		
	20	DE2835386	2/21/80	Germany		
	21	DE2839517	3/27/80	Germany		
	22	DE2854520	6/26/80	Germany		
	23	DE2913697	10/16/80	Germany		
	24	DE2917717	8/20/87	Germany		
	25	DE2920478	12/4/80	Germany		
	26	DE2939004	4/9/81	Germany		
	27	DE3006382	8/27/81	Germany		
	28	DE3008818	9/10/81	Germany		
	29	DE3009102	9/25/80	Germany		
	30	DE3028777	3/26/81	Germany		
	31	DE3305225	8/16/84	Germany		
	32	DE3309051	9/20/84	Germany		
	33	DE336418	6/23/20	Germany		
	34	DE3441311	5/15/86	Germany		
	35	DE3543106	6/11/87	Germany		
	36	DE3612112	10/15/87	Germany		
	37	DE372390	3/27/23	Germany		
	38	DE3726346	2/16/89	Germany		
V	39	DE387973	1/9/24	Germany		

Examiner

8/14

Date

Considered

3/17/04

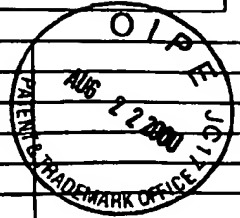
\*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



# INFORMATION DISCLOSURE CITATION LIST

INTERNATE FORM PTO-1449

(Corrected Listing of Original List)



BM	40	DE4022476	1/16/92	Germany	
	41	DE4023903	11/7/91	Germany	
	42	DE40414	8/15/1887	Germany	
	43	DE4233558	3/31/94	Germany	
	44	DE425551	2/20/26	Germany	
	45	DE426793	3/18/26	Germany	
	46	DE432169	7/26/26	Germany	
	47	DE433749	9/7/26	Germany	
	48	DE435608	10/18/26	Germany	
	49	DE435609	10/18/26	Germany	
	50	DE4409794	8/24/95	Germany	
	51	DE4412761	10/26/95	Germany	
	52	DE441717	3/11/27	Germany	
	53	DE4420322	12/14/95	Germany	
	54	DE443011	4/13/27	Germany	
	55	DE460124	5/22/28	Germany	
	56	DE482506	9/14/29	Germany	
	57	DE501181	7/3/30	Germany	
	58	DE523047	4/18/31	Germany	
	59	DE568508	1/20/33	Germany	
	60	DE572030	3/9/33	Germany	
	61	DE584639	9/27/33	Germany	
	62	DE586121	10/18/33	Germany	
	63	DE604972	11/6/34	Germany	
	64	DE629301	4/27/36	Germany	
	65	DE673545	3/24/39	Germany	
	66	DE719009	3/26/42	Germany	
	67	DE846583	8/14/52	Germany	
	68	DE875227	4/30/53	Germany	
	69	EP0120154	10/3/84	European	
	70	EP0130124	1/2/85	European	
	71	EP0142813	5/29/85	European	
	72	EP0155405	9/25/85	European	
	73	EP0174783	3/19/86	European	
	74	EP0234521	9/2/87	European	
	75	EP0244069	11/4/87	European	
	76	EP0246377	11/25/87	European	
	77	EP0265868	5/4/88	European	
	78	EP0274691	7/20/88	European	
	79	EP0280759	9/7/88	European	
	80	EP0282876	9/21/88	European	
	81	EP0309096	3/29/89	European	
	82	EP0314860	5/10/89	European	
	83	EP0316911	5/24/89	European	
	84	EP0317248	5/24/89	European	
	85	EP0335430	10/4/89	European	
	86	EP0342554	11/23/89	European	
	87	EP0375101	6/27/90	European	
	88	EP0406437	1/9/91	European	
	89	EP0439410	7/31/91	European	
	90	EP0440865	8/14/91	European	
	91	EP0490705	6/17/92	European	
	92	EP049104	4/7/82	European	
✓	93	EP0493704	4/7/82	European	

Examiner

BM

Date

Considered 3/17/04

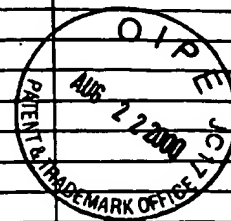
\*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE CITATION LIST

ALTERNATE FORM PTO-1449

(Corrected Listing of Original List)

BM	94	EP0571155	11/24/93	European		
	95	EP0620570	10/19/94	European		
	96	EP0642027	3/8/95	European		
	97	EP0671632	9/13/95	European		
	98	EP0676777	10/11/95	European		
	99	EP0677915	10/18/95	European		
	100	EP0684679	11/29/95	European		
	101	EP0684682	11/29/95	European		
	102	EP0695019	1/31/96	European		
	103	EP0732787	9/18/96	European		
	104	EP0738034	10/16/96	European		
	105	EP0740315	10/30/96	European		
	106	EP0751605	1/2/97	European		
	107	EP0780926	6/25/97	European		
	108	EP078908	5/18/83	European		
	109	EP0802542	10/22/97	European		
	110	FR1011924	4/23/49	France		
	111	FR1126975	3/11/55	France		
	112	FR1238795	7/6/59	France		
	113	FR2108171	5/19/72	France		
	114	FR2251938	6/13/75	France		
	115	FR2305879	10/22/76	France		
	116	FR2376542	7/28/78	France		
	117	FR2467502	4/17/81	France		
	118	FR2556146	6/7/85	France		
	119	FR2594271	8/14/87	France		
	120	FR2708157	1/27/95	France		
	121	FR805544	4/29/36	France		
	122	FR841351	1/19/38	France		
	123	FR847899	12/22/38	France		
	124	GB1024583	3/30/66	United Kingdom		
	125	GB1053337	12/30/66	United Kingdom		
	126	GB1059123	2/15/67	United Kingdom		
	127	GB1103098	2/14/68	United Kingdom		
	128	GB1103099	2/14/68	United Kingdom		
	129	GB1117401	6/19/68	United Kingdom		
	130	GB1135242	12/4/68	United Kingdom		
	131	GB1147049	4/2/69	United Kingdom		
	132	GB1157885	7/9/69	United Kingdom		
	133	GB1174659	12/17/69	United Kingdom		
	134	GB1236082	6/16/71	United Kingdom		
	135	GB123906	3/13/19	United Kingdom		
	136	GB1268770	3/29/72	United Kingdom		
	137	GB1340983	12/19/73	United Kingdom		
	138	GB1341050	12/19/73	United Kingdom		
	139	GB1365191	8/29/74	United Kingdom		
	140	GB1395152	5/21/75	United Kingdom		
	141	GB1424982	2/11/76	United Kingdom		
	142	GB1426594	3/3/76	United Kingdom		
	143	GB1438610	6/9/76	United Kingdom		
	144	GB1445284	8/11/76	United Kingdom		
	145	GB1479904	7/13/77	United Kingdom		
	146	GB1493163	11/23/77	United Kingdom		



Examiner

BM

Date

Considered

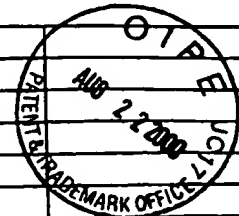
3/17/04

\*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

# INFORMATION DISCLOSURE CITATION LIST

INTERSTATE FORM PTO-1449

(Corrected Listing of Original List)



BM	147	GB1502938	3/8/78	United Kingdom		
	148	GB1525745	9/20/78	United Kingdom		
	149	GB1548633	7/18/79	United Kingdom		
	150	GB1574796	9/10/80	United Kingdom		
	151	GB2000625	1/10/79	United Kingdom		
	152	GB2022327	12/12/79	United Kingdom		
	153	GB2025150	1/16/80	United Kingdom		
	154	GB2034101	5/29/80	United Kingdom		
	155	GB2046142	11/12/79	United Kingdom		
	156	GB2070470	9/8/81	United Kingdom		
	157	GB2071433	9/16/81	United Kingdom		
	158	GB2081523	2/17/82	United Kingdom		
	159	GB2099635	12/8/82	United Kingdom		
	160	GB2105925	3/30/83	United Kingdom		
	161	GB2106306	4/7/83	United Kingdom		
	162	GB2106721	4/13/83	United Kingdom		
	163	GB2136214	9/12/84	United Kingdom		
	164	GB2140195	11/21/84	United Kingdom		
	165	GB2268337	1/5/94	United Kingdom		
	166	GB2273819	6/29/94	United Kingdom		
	167	GB2283133	4/26/95	United Kingdom		
	168	GB2289992	12/6/95	United Kingdom		
	169	GB2308490	6/25/97	United Kingdom		
	170	GB268271	3/31/27	United Kingdom		
	171	GB292999	4/11/29	United Kingdom		
	172	GB293861	11/8/28	United Kingdom		
	173	GB319313	7/18/29	United Kingdom		
	174	GB518993	3/13/40	United Kingdom		
	175	GB537609	6/30/41	United Kingdom		
	176	GB540456	10/17/41	United Kingdom		
	177	GB589071	6/11/47	United Kingdom		
	178	GB685416	1/7/53	United Kingdom		
	179	GB702892	1/27/54	United Kingdom		
	180	GB715226	9/8/54	United Kingdom		
	181	GB723457	2/9/55	United Kingdom		
	182	GB763761	12/19/56	United Kingdom		
	183	GB805721	12/10/58	United Kingdom		
	184	GB827600	2/10/60	United Kingdom		
	185	GB854728	11/23/60	United Kingdom		
	186	GB870583	6/14/61	United Kingdom		
	187	GB913386	12/19/62	United Kingdom		
	188	GB965741	8/6/64	United Kingdom		
	189	GB992249	5/19/65	United Kingdom		
	190	JP424909	1/28/92	Japan		
	191	JP1129737	5/23/89	Japan		
	192	JP318253	1/25/91	Japan		
	193	JP3245748	2/23/90	Japan		
	194	JP4179107	11/9/90	Japan		
	195	JP5290947	4/8/92	Japan		
	196	JP57043529	8/29/80	Japan		
	197	JP59076156	10/25/82	Japan		

Examiner

BM

Date

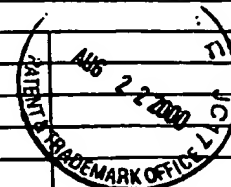
Considered

3/17/04

\*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

**INFORMATION DISCLOSURE CITATION LIST**  
**INTERNATE FORM PTO-1449**  
 (Corrected Listing of Original List)

BM	198	JP59159642	2/28/83	Japan	
	199	JP60206121	3/30/59	Japan	
	200	JP6196343	12/22/92	Japan	
	201	JP6233442	2/4/93	Japan	
	202	JP6264964	9/18/85	Japan	
	203	JP6325629	5/10/93	Japan	
	204	JP7057951	8/19/93	Japan	
	205	JP7264789	3/22/94	Japan	
	206	JP8167332	12/13/94	Japan	
	207	JP8264039	11/1/95	Japan	
	208	JP9200989	1/17/96	Japan	
	209	LU67199	3/14/72	Luxembourg	
	210	SE255156	2/25/69	Sweden	
	211	SE305899	11/11/68	Sweden	
	212	SE341428	12/27/71	Sweden	
	213	SE453236	1/20/82	Sweden	
	214	SE457792	6/12/87	Sweden	
	215	SE502417	12/29/93	Sweden	
	216	SE90308	9/21/37	Sweden	
	217	SU1019553	1/6/80	USSR	
	218	SU1511810	5/26/87	USSR	
	219	SU425268	9/27/74	Soviet Union	
	220	SU694939	1/7/82	Soviet Union	
	221	SU792302	1/2/71	Soviet Union	
	222	SU955369	8/30/83	Soviet Union	
	223	WO8202617	8/5/82	PCT	
	224	WO8502302	5/23/85	PCT	
	225	WO9011389	10/4/90	PCT	
	226	WO9012409	10/18/90	PCT	
	227	WO9101059	1/24/91	PCT	
	228	WO9101585	2/7/91	PCT	
	229	WO9107807	3/30/91	PCT	
	230	WO9109442	6/27/91	PCT	
	231	WO8115862	10/17/91	PCT	
	232	WO9201328	1/23/92	PCT	
	233	WO9203870	3/5/92	PCT	
	234	WO9321681	10/28/93	PCT	
	235	WO9406194	3/17/94	PCT	
	236	WO9518058	7/6/95	PCT	
	237	WO9522153	8/17/95	PCT	
	238	WO9524049	9/8/95	PCT	
	239	WO9622606	7/25/96	PCT	
	240	WO9622607	7/25/96	PCT	
	241	WO9630144	10/3/96	PCT	
	242	WO9710640	3/20/97	PCT	
	243	WO9711831	4/3/97	PCT	
	244	WO9716881	5/9/97	PCT	
	245	WO9745288	12/4/97	PCT	
	246	WO9745847	12/4/97	PCT	
	247	WO9745848	12/4/97	PCT	
	248	WO9745906	12/4/97	PCT	
	249	WO9745907	12/4/97	PCT	



Examiner

BM

Date

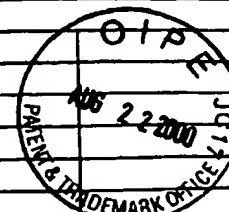
Considered

3/17/04

\*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP0 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

**INFORMATION DISCLOSURE CITATION LIST**  
**INTERSTATE FORM PTO-1449**  
 (Corrected Listing of Original List)

BM	250	WO9745912	12/4/97	PCT	
	251	WO9745914	12/4/97	PCT	
	252	WO9745915	12/4/97	PCT	
	253	WO9745916	12/4/97	PCT	
	254	WO9745918	12/4/97	PCT	
	255	WO9745919	12/4/97	PCT	
	256	WO9745920	12/4/97	PCT	
	257	WO9745921	12/4/97	PCT	
	258	WO9745922	12/4/97	PCT	
	259	WO9745923	12/4/97	PCT	
	260	WO9745924	12/4/97	PCT	
	261	WO9745925	12/4/97	PCT	
	262	WO9745926	12/4/97	PCT	
	263	WO9745927	12/4/97	PCT	
	264	WO9745928	12/4/97	PCT	
	265	WO9745929	12/4/97	PCT	
	266	WO9745930	12/4/97	PCT	
	267	WO9745931	12/4/97	PCT	
	268	WO9745932	12/4/97	PCT	
	269	WO9745933	12/4/97	PCT	
	270	WO9745934	12/4/97	PCT	
	271	WO9745935	12/4/97	PCT	
	272	WO9745936	12/4/97	PCT	
	273	WO9745937	12/4/97	PCT	
	274	WO9745938	12/4/97	PCT	
	275	WO9745939	12/4/97	PCT	
	276	WO9747067	12/11/97	PCT	
	277	WO9820595	5/14/88	PCT	
	278	WO9820596	5/15/98	PCT	
	279	WO9820597	5/14/98	PCT	
	280	WO9820600	5/14/98	PCT	
	281	WO9821385	5/22/98	PCT	
	282	WO9827634	6/25/98	PCT	
	283	WO9827635	6/25/98	PCT	
	284	WO9827636	6/25/98	PCT	
	285	WO9829927	7/9/98	PCT	
	286	WO9829928	7/9/98	PCT	
	287	WO9829929	7/9/98	PCT	
	288	WO9829930	7/9/98	PCT	
	289	WO9829931	7/9/98	PCT	
	290	WO9829932	7/9/98	PCT	
	291	WO9833731	8/6/98	PCT	
	292	WO9833736	8/6/98	PCT	
	293	WO9833737	8/6/98	PCT	
	294	WO9834238	8/6/98	PCT	
	295	WO9834240	8/6/98	PCT	
	296	WO9834241	8/6/98	PCT	
	297	WO9834242	8/6/98	PCT	
	298	WO9834243	8/6/98	PCT	
V	299	WO9834244	8/6/98	PCT	
	300	WO9834245	8/6/98	PCT	



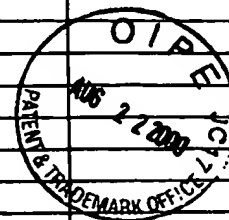
Examiner <b>BM</b>	Date Considered <b>3/17/04</b>
*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

## INFORMATION DISCLOSURE CITATION LIST

INTERNATE FORM PTO-1449

(Corrected Listing of Original List)

BM	301	WO9834246	8/6/98	PCT		
	302	WO9834247	8/6/98	PCT		
	303	WO9834248	8/6/98	PCT		
	304	WO9834249	8/6/98	PCT		
	305	WO9834250	8/6/98	PCT		
	306	WO9834309	8/6/98	PCT		
	307	WO9834312	8/6/98	PCT		
	308	WO9834315	0/6/98	PCT		
	309	WO9834321	8/6/98	PCT		
	310	WO9834322	8/6/98	PCT		
	311	WO9834323	8/6/98	PCT		
	312	WO9834325	8/6/98	PCT		
	313	WO9834326	8/6/98	PCT		
	314	WO9834327	8/6/98	PCT		
	315	WO9834328	8/6/98	PCT		
	316	WO9834329	8/6/98	PCT		
	317	WO9834330	8/6/98	PCT		
	318	WO9834331	8/6/98	PCT		
	319	WO9917309	4/8/99	PCT		
	320	WO9917311	4/8/99	PCT		
	321	WO9917312	4/8/99	PCT		
	322	WO9917313	4/8/99	PCT		
	323	WO9917314	4/8/99	PCT		
	324	WO9917315	4/8/99	PCT		
	325	WO9917316	4/8/99	PCT		
	326	WO9917422	4/8/99	PCT		
	327	WO9917424	4/8/99	PCT		
	328	WO9917425	4/8/99	PCT		
	329	WO9917426	4/8/99	PCT		
	330	WO9917427	4/8/99	PCT		
	331	WO9917428	4/8/99	PCT		
	332	WO9917429	4/8/99	PCT		
	333	WO9917432	4/8/99	PCT		
	334	WO9917433	4/8/99	PCT		
	335	WO9919963	4/22/99	PCT		
	336	WO9919969	4/22/99	PCT		
	337	WO9919970	4/22/99	PCT		
	338	WO9927546	6/3/99	PCT		
	339	WO9928919	6/10/99	PCT		
	340	WO9928921	6/10/99	PCT		
	341	WO9928923	6/10/99	PCT		
	342	WO9928924	6/10/99	PCT		
	343	WO9928925	6/10/99	PCT		
	344	WO9928926	6/10/99	PCT		
	345	WO9928927	6/10/99	PCT		
	346	WO9928928	6/10/99	PCT		
	347	WO9928929	6/10/99	PCT		
	348	WO9928930	6/10/99	PCT		
	349	WO9928931	6/10/99	PCT		
V	350	WO9928934	6/10/99	PCT		
	351	WO9928994	6/10/99	PCT		



Examiner

BM

Date

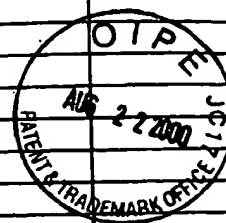
Considered

3/17/04

\*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

**INFORMATION DISCLOSURE CITATION LIST**  
**INTERNATE FORM PTO-1449**  
 (Corrected Listing of Original List)

BM	352	WO9929005	6/10/99	PCT		
	353	WO9929008	6/10/99	PCT		
	354	WO9929011	6/10/99	PCT		
	355	WO9929012	6/10/99	PCT		
	356	WO9929013	6/10/99	PCT		
	357	WO9929014	6/10/99	PCT		
	358	WO9929015	6/10/99	PCT		
	359	WO9929016	6/10/99	PCT		
	360	WO9929017	6/10/99	PCT		
	361	WO9929018	6/10/99	PCT		
	362	WO9929019	6/10/99	PCT		
	363	WO9929020	6/10/99	PCT		
	364	WO9929021	6/10/99	PCT		
	365	WO9929022	6/10/99	PCT		
	366	WO9929024	6/10/99	PCT		
	367	WO9929026	6/10/99	PCT		
	368	WO9929029	6/10/99	PCT		
	369	WO9929034	6/10/99	PCT		
Subtotal	369					



**OTHER REFERENCES (Including Title, Author, Date, Pertinent Pages, etc.)**

BM	1	OD001	Shipboard Electrical Insulation; G. L. Moses, 1951, pp2&3
	2	OD002	ABB El krafthandbok; ABB AB; 1988 ; pp274-276
	3	OD003	El kraf teknisk Handbok, 2 El maskiner; A. Alfredsson et al; 1988, pp 121-123
	4	OD004	High Voltage Cables in a New Class of Generators Powerformer; M. Leijon et al; 6/14/99; pp1-8.
	5	OD005	Ohne Tranformator direkt ins Netz; Owman et al, ABB, AB; 2/8/99; pp48-51
	6	OD006	Submersible Motors and Wet-Rotor Motors for Centrifugal Pumps Submerged in the Fluid Handled; K.. Bienick, KSB; 2/25/88; pp9-17
	7	OD007	High Voltage Generators; G. Beschastnov et al; 1977; Vol 48. No. 6 pp1-7
	8	OD008	Eine neue Type von Unterwassermotoren; Electrotechnik und Maschinenbau, 49; 8/1931; pp2-3
	9	OD009	Problems in design of the 110-500kV high-voltage generators; Nikiti et al; World Electrotechnical Congress; 6/21-27/77; Section 1. Paper #18
	10	OD010	Manufacture and Testing of Roebel bars; P. Marti et al; 1960, Pub.86, Vol 8, pp 25-31
	11	OD011	Hydroalternators of 110 to 220 kV Elektrotechn. Obz., Vol. 64, No. 3, pp132-136 March 1975; A. Abramov
	12	OD012	Design Concepts for an Amorphous Metal Distribution Transformer; E. Boyd et al; IEEE 11/84
	13	OD013	Neue Wege zum Bau zweipoliger Turbogeneratoren bis 2 GVA, 60kV Elektrotechnik und Maschinenbau Wien Janner 1972, Heft 1, Seite 1 -11; G. Aichholzer
	14	OD014	Optimizing designs of water-resistant magnet wire; V. Kuzenev et al; Elektrotechnika, Vol 59, No 12, pp35-40, 1988
	15	OD015	Zur Entwicklung der Tauchpumpenmotoren; A. Schanz; KSB, pp19-24
	16	OD016	Direct Generation of alternating current at high voltages; R. Parsons; IEEE Journal, Vol 67 #393, 1/15/29; pp1065-1080
	17	OD017	Stopfbachslose Umwalzpumpen- ein wichtiges Element im modernen Kraftwerkbau; H. Holz, KSB 1, pp13-19, 1960
	18	OD018	Zur Geschichte der Brown Boveri-Synchron-Maschinen; Vierzig Jahre Generatorbau; Jan-Feb 1931 pp15-39
	19	OD019	Technik und Anwendung moderner Tauchpumpen; A. Heumann; 1987

Examiner

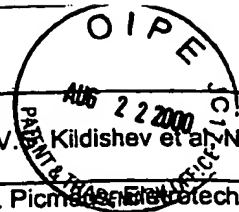
BM

Date

Considered 3/17/04

\*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

**INFORMATION DISCLOSURE CITATION LIST**  
**ALTERNATE FORM PTO-1449**  
 (Corrected Listing of Original List)



304	20	OD020	High capacity synchronous generator having no tooth stator; V. Kildishev et al; No.1, 1977 pp11-16.
	21	OD021	Der Asynchronmotor als Antrieb stopfbereichsloser Pumpen; E. Picmann; Elektrotechnik und Maschinenbau No. 78, pp153-155, 1961
	22	OD022	Low core loss rotating flux transformer; R. F. Krause, et al; American Institute Physics J.Appl.Phys Vol 64 #10 11/1988, pp5376-5378
	23	OD023	An EHV bulk Power transmission line Made with Low Loss XLPE Cable; Ichihara et al; 8/92; pp3-6
	24	OD024	Underground Transmission Systems Reference Book; 1992; pp16-19; pp36-45; pp67-81
	25	OD025	Power System Stability and Control; P. Kundur, 1994; pp23-25; page 767
	26	OD026	Six phase Synchronous Machine with AC and DC Stator Connections, Part II: Harmonic Studies and a proposed Uninterruptible Power Supply Scheme; R. Schiferl et al.; 8/1983 pp 2694-2701
	27	OD027	Six phase Synchronous Machine with AC and DC Stator Connections, Part 1: Equivalent circuit representation and Steady-State Analysis; R. Schiferl et al; 8/1983; pp2685-2693
	28	OD028	Reactive Power Compensation; T. Petersson; 1993; pp 1-23
	29	OD030	Permanent Magnet Machines; K. Binns; 1987; pp 9-1 through 9-26
	30	OD031	Hochspannungsanlagen for Wechselstrom; 97. Hochspannungsaufgaben an Generatoren und Motoren; Roth et al; 1938; pp452-455
	31	OD032	Hochspannungsanlagen for Wechselstrom; 97. Hochspannungsaufgaben an Generatoren und Motoren; Roth et al; Spring 1959, pp30-33
	32	OD033	Neue Lösungswege zum Entwurf grosser Turbogeneratoren bis 2GVA, 60kV; G. Aicholzer; 9/1974, pp249-255
	33	OD034	Advanced Turbine-generators- an assessment; A. Appleton, et al; International Conf. Proceedings, Lg HV Elec. Sys. Paris, FR, Aug-Sept/1976, Vol I, Section 11-02, pg1-9
	34	OD035	Fully slotless turbogenerators; E. Spooner; Proc., IEEE Vol 120 #12, 12/1973
	35	OD036	Toroidal winding geometry for high voltage superconducting alternators; J. Kirtley et al; MIT - Elec. Power Sys. Engrg. Lab for IEEE PES; 2/1974
	36	OD037	High-Voltage Stator Winding Development; D. Albright et al; Proj. Report EL339, Project 1716, April 1984
	37	OD038	POWERFORMER™: A giant step in power plant engineering; Owman et al; CIGRE 1998, Paper 11:1.1
	38	OD039	Thin Type DC/DC Converter using a coreless wire transformer; K. Onda et al; Proc. IEEE Power Electronics Spec. Conf.; 6/1994, pp330-334
	39	OD040	Development of extruded polymer insulated superconducting cable; 1/1992
✓	40	OD041	Transformer core losses; B. Richardson; Proc. IEEE 5/1986, pp365-368
	41	OD042	Cloth-transformer with divided windings and tension annealed amorphous wire; T. Yamamoto et al; IEEE Translation Journal on Magnetism in Japan Vol 4, No. 9 Sept. 1989
	42	OD043	A study of equipment sizes and constraints for a unified power flow controller; J. Bian et al; IEEE 1996
	Subtotal	43	

<b>GRAND TOTAL</b>	<b>671</b>		
--------------------	------------	--	--

Examiner

*Bm*

Date

Considered

*3/17/04*

\*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



INFORMATION DISCLOSURE CITATION LIST  
ALTERNATE FORM PTO-1445

Docket Number:

9847-0001-6X PCT

Application Number

09/147,325

Applicant(s):

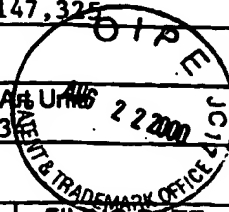
MATS LEIJON ET AL

Filing Date:

FEBRUARY 17, 1999

Group Art Unit

283



U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
<i>BM</i>	1	US 4,292,558	9/29/1981	Carl Flick et al			
<i>BM</i>	2	US 4,656,316	4/7/1987	Hans-Juergen Meltsch			
	3						
	4						
	5						
	6						
	7						
	8						
	9						
	10						
	11						
	12						
	13						
	14						
	15						
	16						
	17						
	18						
	19						
	20						
	21						
	22						
	23						
	24						
	25						
	26						
	27						
	28						
	29						
	30						
	31						
	32						
	33						
	34						
	35						
	36						
	37						
	38						
	39						

Subtotal

Examiner

*BM*

Date

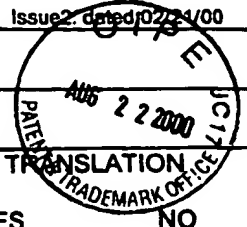
Considered

3/17/04

\*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEPO 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE CITATION LIST  
ALTERNATE FORM PTO-1449

Issue 2, dated 02/24/00



FOREIGN PATENT DOCUMENTS

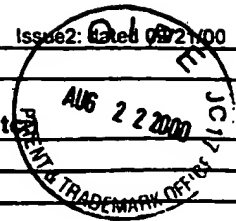
		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION	
					YES	NO
BM ↓ ✓	1	GB 1,319,257	6/6/1973	Anders R. Andersson et al		
	2	GB 1,322,433	7/4/1973	Siemens Akstienengesellschaft		
	3	GB 2,070,341	9/3/1981	Hans-Georg Raschbichler et al		
	4	WO 98/20598	5/14/1998	Jan-Anders Kartfeldtsgatan et al		
	5	WO 98/20602	5/14/1998	Soren Berggren		
	6	WO 98/34239	8/6/1998	Gunnar Steneorpsatan et al		
	7	WO 99/28922	6/10/1999	Thorsten Schutte et al		
	8	WO 99/29005	6/10/1999	Mats Leijon et al		
	9	WO 99/29023	6/10/1999	Peter Carstensen et al		
	10	WO 99/29025	6/10/1999	Mats Leijon et al		
	11	EP 0056580 A1	7/28/1982	Jacobus F.H. Van der Vegt		
	12					
	13					
	14					
	15					
	16					
	17					
	18					
	19					
	20					
	21					
	22					
	23					
	24					
	25					
	26					
	27					
	28					
	29					
	30					
	31					
	32					
	33					
	34					
	35					
	36					
	37					
	38					
	39					
	40					
	41					
	42					

Subtotal						
----------	--	--	--	--	--	--

Examiner	BM	Date Considered	3/17/04
*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.			

**INFORMATION DISCLOSURE CITATION LIST  
ALTERNATE FORM PTO-1449**

Issue 2: dated 08/21/00



**OTHER REFERENCES (Including Title, Author, Date, Pertinent Pages, etc.)**

1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		
13		
14		
15		
16		
17		
18		
19		
20		
21		
22		
23		
24		
25		
26		
27		
28		
29		
30		
31		
32		
33		
34		
35		
36		
37		
38		
39		
40		
41		
42		

<b>Subtotal</b>			
-----------------	--	--	--

<b>GRAND TOTAL</b>			
--------------------	--	--	--

Examiner	Date Considered
*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	